

2013



# Suburban Region Annual HIV Epidemiological Profile

# **2013 Suburban Region Annual HIV Epidemiological Profile**

**Data reported through December 31, 2014**

**Center for HIV Surveillance, Epidemiology and Evaluation  
Infectious Disease Epidemiology and Outbreak Response Bureau  
Prevention and Health Promotion Administration  
Maryland Department of Health and Mental Hygiene  
<http://phpa.dhmfh.maryland.gov/oideor/chse>  
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## Section I – Background Information

### **HIV/AIDS Reporting Requirements**

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory Chiefs are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

### **For Assistance with HIV/AIDS Reporting**

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

### **Limitations in the HIV/AIDS Data**

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. It is important to note that surveillance is an ongoing systematic collection, analysis, interpretation, and dissemination of laboratory data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

### **Stages of a Case of HIV/AIDS**

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

### **Changes in Case Terminology**

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one-year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2013 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2013-12/31/2014, as reported by name through 12/31/2014.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2014 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2014 as reported by name through 12/31/2014.

### **Laboratory Data**

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care."



### **Sources of Data**

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2014.

Population data by sex, age, and race are from the July 1, 2013 U.S. Census Estimates and by country-of-birth from the 2013 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

### **Tabulation of Column Totals**

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

### **Data Suppression**

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

### **HIV Exposure Categories**

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

**Men who have Sex with Men (MSM):** Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

**Injection Drug Use (IDU):** Men or women who report receiving an injection—either self-administered or given by another person—of a drug that was not prescribed by a physician.

**MSM/IDU:** Men who report a history of sexual contact with other men who also have engaged in injection drug use.

**Heterosexual Exposure (HET):** Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

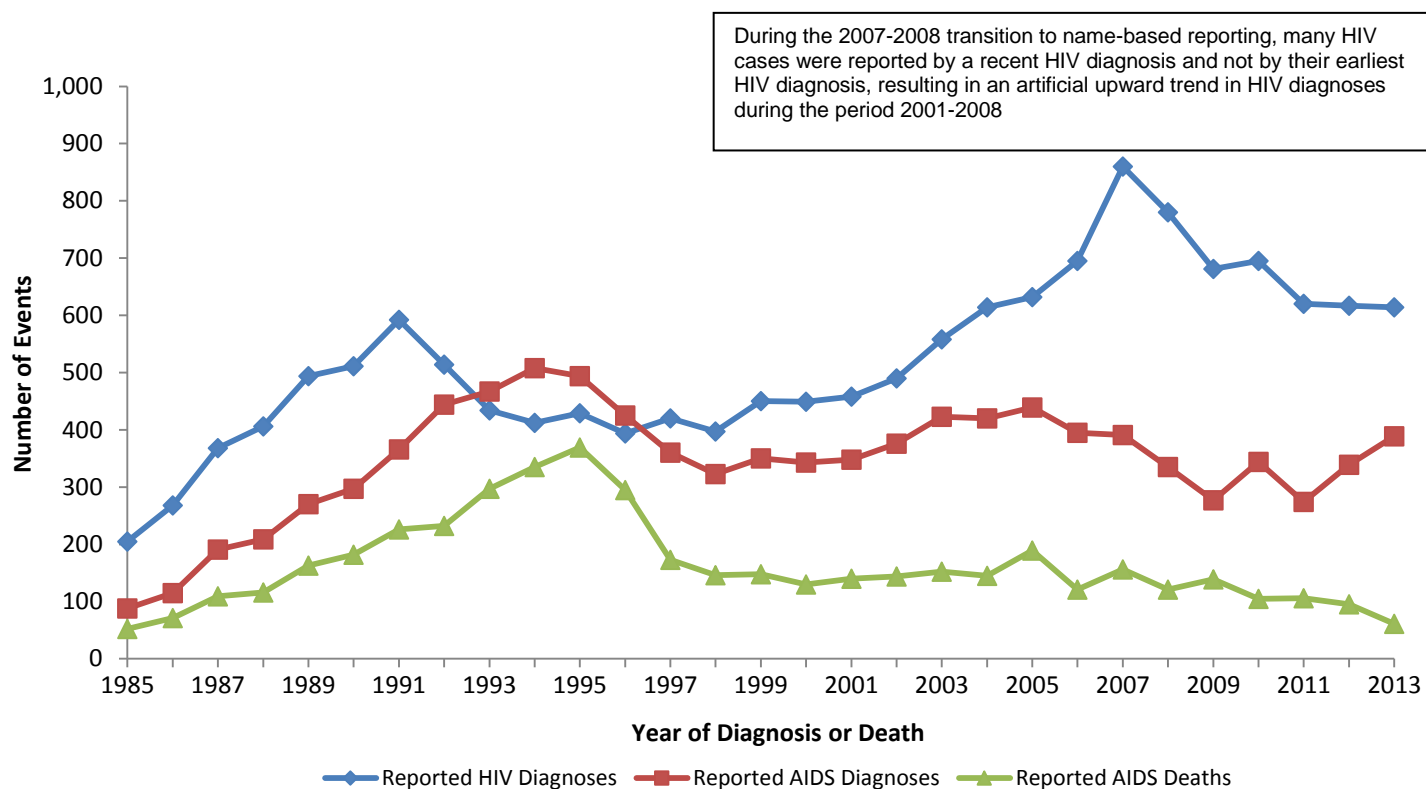
**Perinatal Exposure:** Any baby born to an HIV positive mother.



## Section II – Trends 1985-2013

**Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2013, Reported through 12/31/2014**

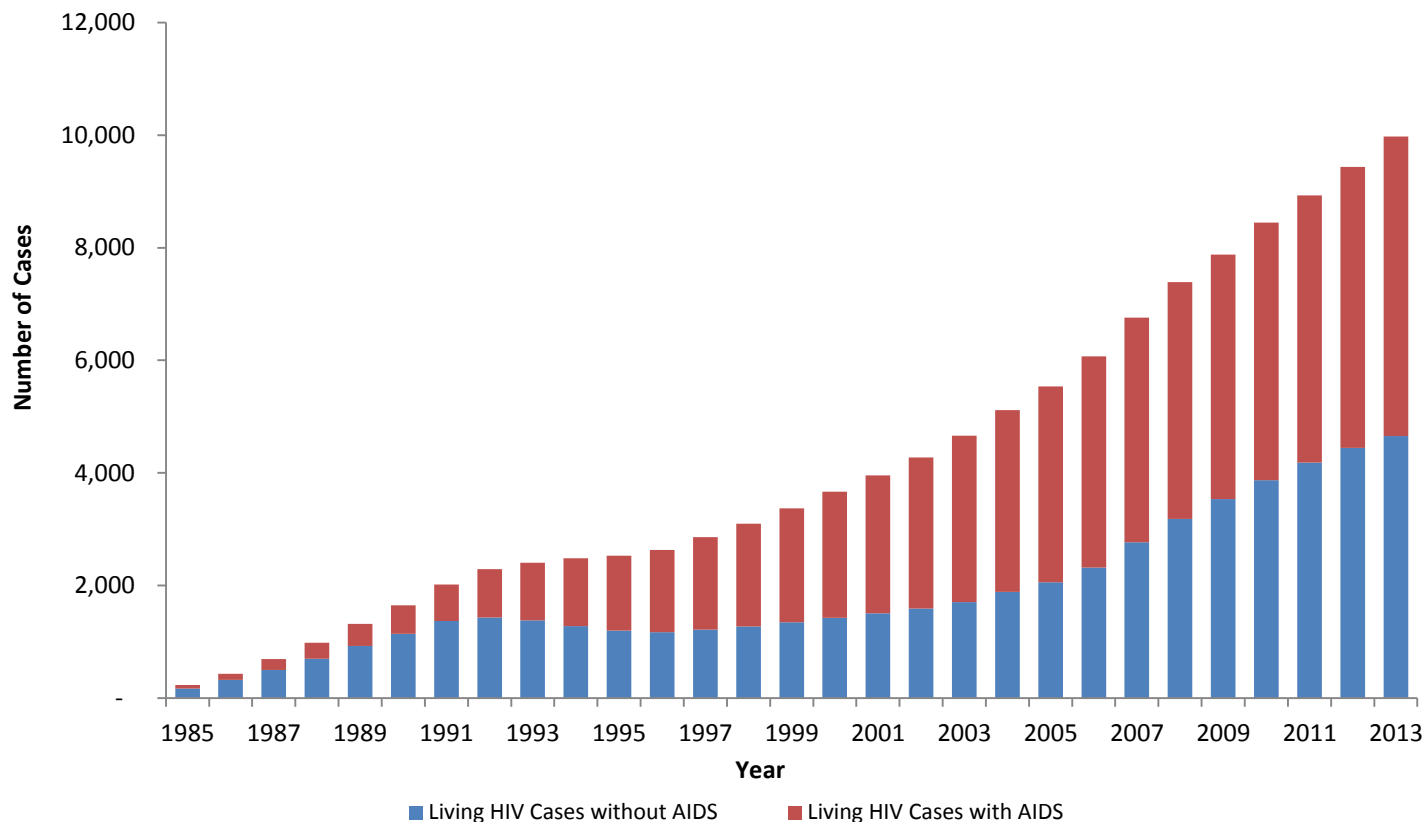
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2013 as Reported through 12/31/2014



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	104	61	27	1999	450	350	148
1985	205	88	52	2000	449	343	130
1986	268	115	71	2001	458	348	140
1987	368	191	109	2002	490	376	144
1988	406	209	116	2003	558	423	152
1989	494	270	163	2004	614	420	145
1990	511	297	182	2005	632	439	189
1991	592	366	226	2006	695	395	121
1992	514	444	232	2007	860	391	156
1993	434	467	297	2008	780	335	121
1994	412	508	335	2009	681	277	139
1995	429	494	369	2010	695	344	105
1996	394	425	295	2011	620	274	106
1997	420	360	173	2012	617	339	95
1998	397	323	146	2013	614	389	61
				<b>TOTAL</b>	<b>15,161</b>	<b>10,061</b>	<b>4,745</b>

**Figure 2 – Trends in Living HIV Cases, 1985-2013, Reported through 12/31/2014**

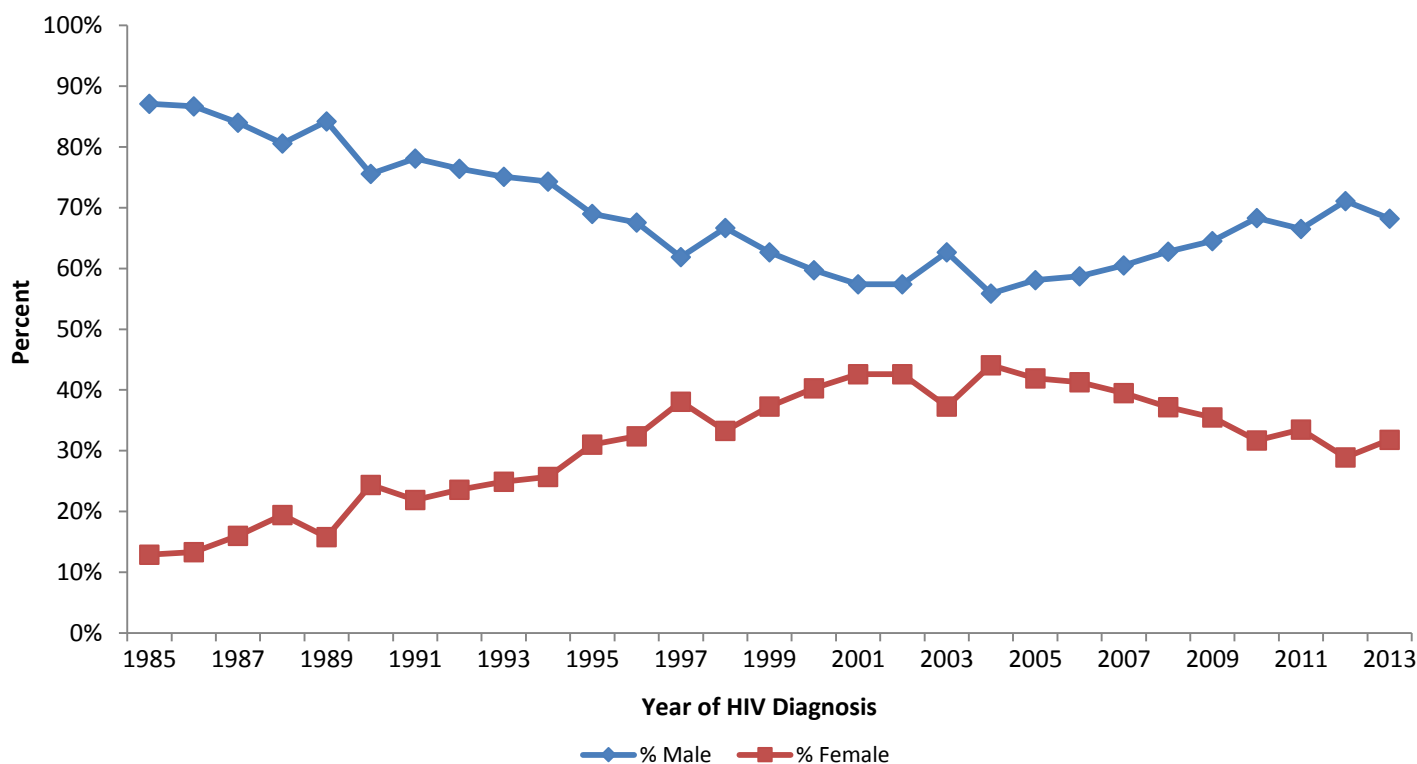
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2013, as Reported through 12/31/2014



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	172	63	235	1999	1,347	2,026	3,373
1986	328	107	435	2000	1,427	2,239	3,666
1987	504	189	693	2001	1,506	2,449	3,955
1988	703	282	985	2002	1,595	2,681	4,276
1989	930	389	1,319	2003	1,709	2,952	4,661
1990	1,146	505	1,651	2004	1,891	3,227	5,118
1991	1,372	645	2,017	2005	2,061	3,477	5,538
1992	1,436	858	2,294	2006	2,322	3,751	6,073
1993	1,380	1,028	2,408	2007	2,771	3,986	6,757
1994	1,282	1,202	2,484	2008	3,186	4,202	7,388
1995	1,203	1,329	2,532	2009	3,538	4,340	7,878
1996	1,170	1,460	2,630	2010	3,869	4,579	8,448
1997	1,215	1,647	2,862	2011	4,184	4,747	8,931
1998	1,272	1,824	3,096	2012	4,443	4,991	9,434
				2013	4,657	5,319	9,976

**Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2013, Reported through 12/31/2014**

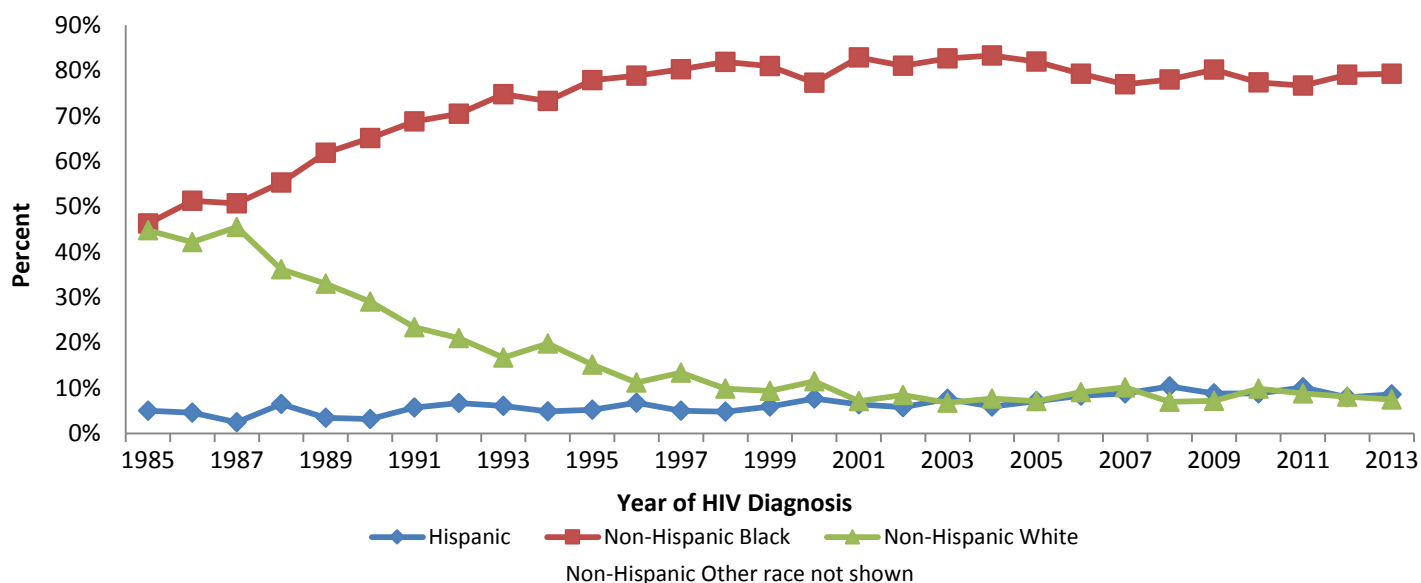
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	102	88.2%	11.8%	1999	437	62.7%	37.3%
1985	201	87.1%	12.9%	2000	444	59.7%	40.3%
1986	263	86.7%	13.3%	2001	451	57.4%	42.6%
1987	363	84.0%	16.0%	2002	481	57.4%	42.6%
1988	403	80.6%	19.4%	2003	555	62.7%	37.3%
1989	488	84.2%	15.8%	2004	610	55.9%	44.1%
1990	501	75.6%	24.4%	2005	623	58.1%	41.9%
1991	580	78.1%	21.9%	2006	685	58.7%	41.3%
1992	505	76.4%	23.6%	2007	842	60.5%	39.5%
1993	425	75.1%	24.9%	2008	776	62.8%	37.2%
1994	405	74.3%	25.7%	2009	678	64.5%	35.5%
1995	420	69.0%	31.0%	2010	694	68.3%	31.7%
1996	383	67.6%	32.4%	2011	615	66.5%	33.5%
1997	417	61.9%	38.1%	2012	616	71.1%	28.9%
1998	393	66.7%	33.3%	2013	613	68.2%	31.8%
				TOTAL	14,969	67.7%	32.3%

**Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2013, Reported through 12/31/2014**

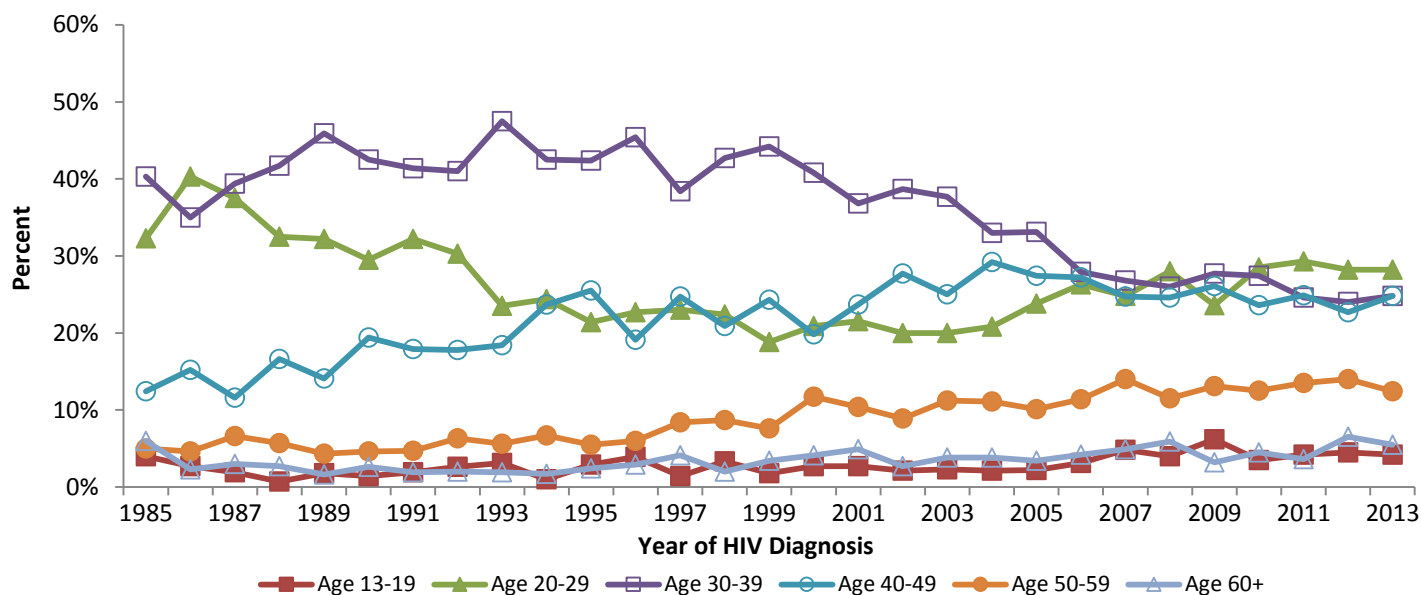
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	102	2.0%	58.8%	39.2%	0.0%
1985	201	5.0%	46.3%	44.8%	4.0%
1986	263	4.6%	51.3%	42.2%	1.9%
1987	363	2.5%	50.7%	45.5%	1.4%
1988	403	6.5%	55.3%	36.2%	2.0%
1989	488	3.5%	61.9%	33.0%	1.6%
1990	501	3.2%	65.1%	29.1%	2.6%
1991	580	5.7%	68.8%	23.4%	2.1%
1992	505	6.7%	70.5%	21.0%	1.8%
1993	425	6.1%	74.8%	16.7%	2.4%
1994	405	4.9%	73.3%	19.8%	2.0%
1995	420	5.2%	77.9%	15.2%	1.7%
1996	383	6.8%	78.9%	11.2%	3.1%
1997	417	5.0%	80.3%	13.4%	1.2%
1998	393	4.8%	81.9%	9.9%	3.3%
1999	437	5.9%	81.0%	9.4%	3.7%
2000	444	7.7%	77.3%	11.5%	3.6%
2001	451	6.4%	82.9%	7.1%	3.5%
2002	481	5.8%	81.1%	8.5%	4.6%
2003	555	7.6%	82.7%	6.8%	2.9%
2004	610	5.9%	83.3%	7.7%	3.1%
2005	623	7.1%	82.0%	7.1%	3.9%
2006	685	8.3%	79.3%	9.1%	3.4%
2007	842	8.8%	77.0%	10.2%	4.0%
2008	776	10.4%	78.0%	7.0%	4.6%
2009	678	8.8%	80.2%	7.2%	3.7%
2010	694	8.8%	77.4%	9.9%	3.9%
2011	615	10.2%	76.7%	8.8%	4.2%
2012	616	8.0%	79.1%	8.1%	4.9%
2013	613	8.6%	79.3%	7.5%	4.6%
TOTAL	14,969	6.9%	75.1%	14.8%	3.2%

**Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2013, Reported through 12/31/2014**

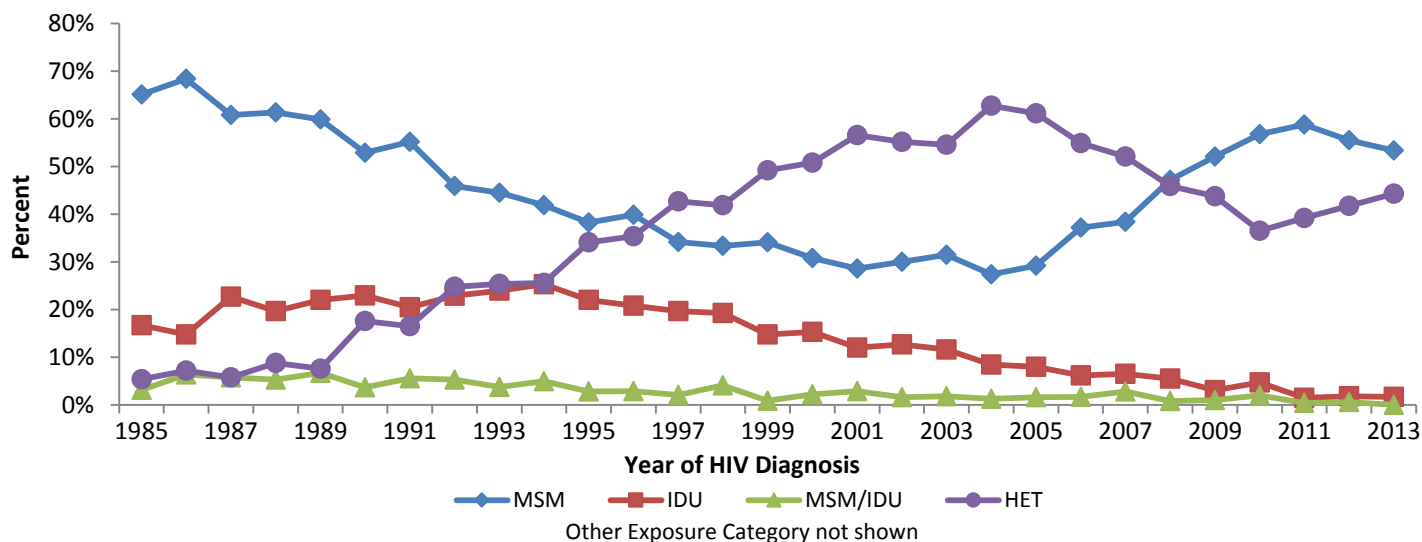
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	102	6.9%	35.3%	32.4%	18.6%	3.9%	2.9%
1985	201	4.0%	32.3%	40.3%	12.4%	5.0%	6.0%
1986	263	2.7%	40.3%	35.0%	15.2%	4.6%	2.3%
1987	363	1.9%	37.5%	39.4%	11.6%	6.6%	3.0%
1988	403	0.7%	32.5%	41.7%	16.6%	5.7%	2.7%
1989	488	1.8%	32.2%	45.9%	14.1%	4.3%	1.6%
1990	501	1.4%	29.5%	42.5%	19.4%	4.6%	2.6%
1991	580	1.9%	32.2%	41.4%	17.9%	4.7%	1.9%
1992	505	2.6%	30.3%	41.0%	17.8%	6.3%	2.0%
1993	425	3.1%	23.5%	47.5%	18.4%	5.6%	1.9%
1994	405	1.0%	24.4%	42.5%	23.7%	6.7%	1.7%
1995	420	2.9%	21.4%	42.4%	25.5%	5.5%	2.4%
1996	383	3.9%	22.7%	45.4%	19.1%	6.0%	2.9%
1997	417	1.4%	23.0%	38.4%	24.7%	8.4%	4.1%
1998	393	3.3%	22.4%	42.7%	20.9%	8.7%	2.0%
1999	437	1.8%	18.8%	44.2%	24.3%	7.6%	3.4%
2000	444	2.7%	20.9%	40.8%	19.8%	11.7%	4.1%
2001	451	2.7%	21.5%	36.8%	23.7%	10.4%	4.9%
2002	481	2.1%	20.0%	38.7%	27.7%	8.9%	2.7%
2003	555	2.3%	20.0%	37.7%	25.0%	11.2%	3.8%
2004	610	2.1%	20.8%	33.0%	29.2%	11.1%	3.8%
2005	623	2.2%	23.8%	33.1%	27.4%	10.1%	3.4%
2006	685	3.1%	26.3%	27.9%	27.2%	11.4%	4.2%
2007	842	4.8%	24.8%	26.8%	24.7%	14.0%	4.9%
2008	776	4.0%	28.0%	26.0%	24.6%	11.5%	5.9%
2009	678	6.2%	23.6%	27.7%	26.1%	13.1%	3.2%
2010	694	3.5%	28.5%	27.4%	23.6%	12.5%	4.5%
2011	615	4.2%	29.3%	24.6%	24.9%	13.5%	3.6%
2012	616	4.5%	28.2%	24.0%	22.7%	14.0%	6.5%
2013	613	4.2%	28.2%	24.8%	24.8%	12.4%	5.5%
TOTAL	14,969	3.0%	26.2%	35.0%	22.6%	9.5%	3.6%

**Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2013, Reported through 12/31/2014**

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	102	89	69.7%	13.5%	4.5%	9.0%	3.4%
1985	201	186	65.1%	16.7%	3.2%	5.4%	9.7%
1986	263	250	68.4%	14.8%	6.4%	7.2%	3.2%
1987	363	344	60.8%	22.7%	5.8%	5.8%	4.9%
1988	403	376	61.4%	19.7%	5.3%	8.8%	4.8%
1989	488	449	59.9%	22.0%	6.7%	7.6%	3.8%
1990	501	465	52.9%	23.0%	3.7%	17.6%	2.8%
1991	580	522	55.2%	20.5%	5.6%	16.5%	2.3%
1992	505	436	45.9%	22.9%	5.3%	24.8%	1.1%
1993	425	366	44.5%	24.0%	3.8%	25.4%	2.2%
1994	405	360	41.9%	25.3%	5.0%	25.6%	2.2%
1995	420	355	38.3%	22.0%	2.8%	34.1%	2.8%
1996	383	308	39.9%	20.8%	2.9%	35.4%	1.0%
1997	417	330	34.2%	19.7%	2.1%	42.7%	1.2%
1998	393	296	33.4%	19.3%	4.1%	41.9%	1.4%
1999	437	331	34.1%	14.8%	0.9%	49.2%	0.9%
2000	444	321	30.8%	15.3%	2.2%	50.8%	0.9%
2001	451	350	28.6%	12.0%	2.9%	56.6%	0.0%
2002	481	377	30.0%	12.7%	1.6%	55.2%	0.5%
2003	555	447	31.5%	11.6%	1.8%	54.6%	0.4%
2004	610	449	27.4%	8.5%	1.3%	62.8%	0.0%
2005	623	425	29.2%	8.0%	1.6%	61.2%	0.0%
2006	685	417	37.2%	6.2%	1.7%	54.9%	0.0%
2007	842	461	38.4%	6.5%	2.8%	52.1%	0.2%
2008	776	379	47.2%	5.5%	0.8%	45.9%	0.5%
2009	678	292	52.1%	3.1%	1.0%	43.8%	0.0%
2010	694	301	56.8%	4.7%	2.0%	36.5%	0.0%
2011	615	260	58.8%	1.5%	0.4%	39.2%	0.0%
2012	616	337	55.5%	1.8%	0.6%	41.8%	0.3%
2013	613	352	53.4%	1.7%	0.0%	44.3%	0.6%
TOTAL	14,969	10,631	44.7%	14.3%	3.0%	36.5%	1.5%

## Section III – Adult/Adolescent Cases by Jurisdiction

**Table 1 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Montgomery	843,834	196	32.0%	23.2	158	80.6%	73	37.2%	156	79.6%	288
Prince George's	742,415	417	68.0%	56.2	330	79.1%	128	30.7%	338	81.1%	356
TOTAL	1,586,249	613	100.0%	38.6	488	79.6%	201	32.8%	494	80.6%	331

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Jurisdiction of Residence at HIV Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV Diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.



**Table 2 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Montgomery	843,834	137	35.2%	16.2	3.4	48.9%
Prince George's	742,415	252	64.8%	33.9	3.5	56.3%
TOTAL	1,586,249	389	100.0%	24.5	3.5	53.7%

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Jurisdiction of Residence at AIDS Diagnosis:** Jurisdiction of residence at time of initial AIDS diagnosis.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Montgomery	843,834	1,576	34.4%	186.8	1,886	35.9%	223.5	3,462	35.2%	410.3	243
Prince George's	742,415	3,007	65.6%	405.0	3,374	64.1%	454.5	6,381	64.8%	859.5	116
TOTAL	1,586,249	4,583	100.0%	288.9	5,260	100.0%	331.6	9,843	100.0%	620.5	161

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2013.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Montgomery	3,462	1,705	49.2%	531	11.6%	14.8%	19.7%	53.8%
Prince George's	6,381	3,453	54.1%	505	14.4%	15.3%	19.5%	50.8%
TOTAL	9,843	5,158	52.4%	513	13.5%	15.2%	19.5%	51.8%

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Montgomery	3,462	1,736	50.1%	81.7%	7,048
Prince George's	6,381	3,452	54.1%	74.4%	12,080
TOTAL	9,843	5,188	52.7%	76.9%	10,000

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

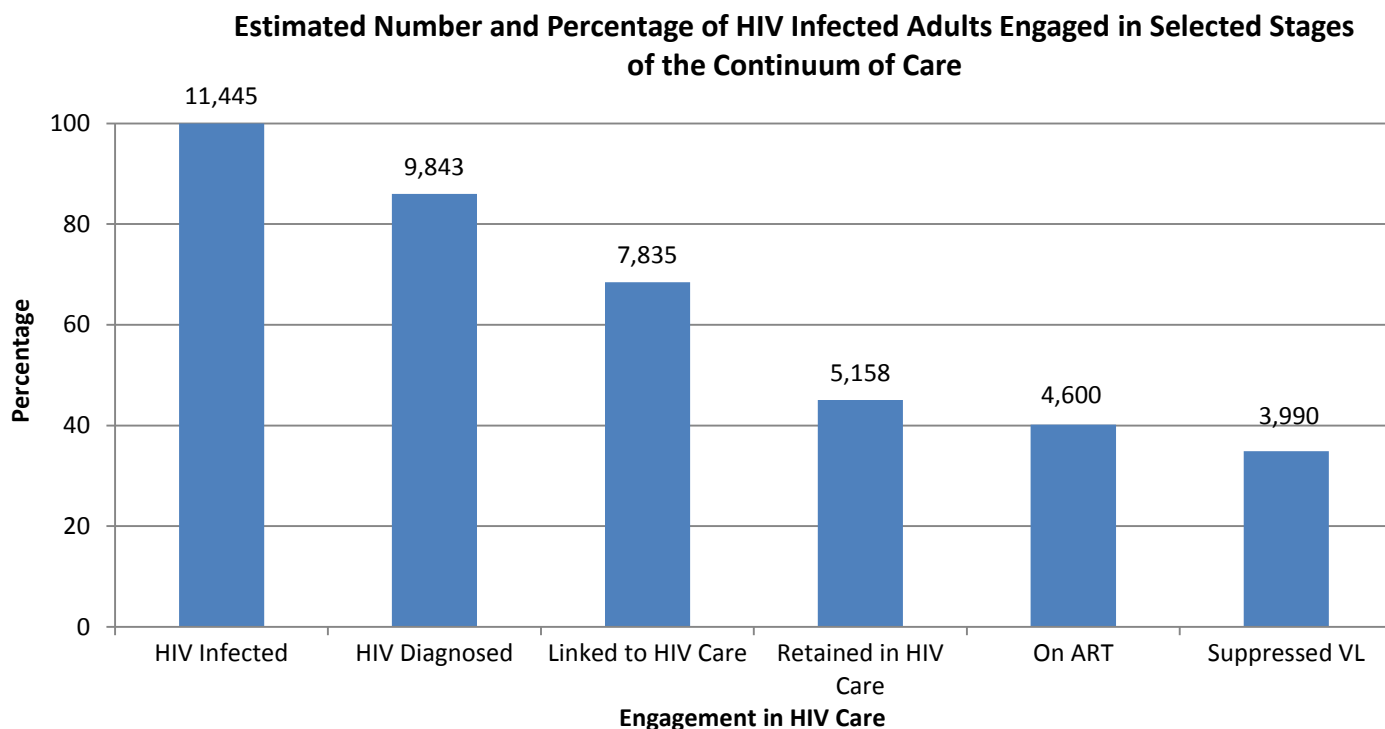
**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

## Figure 7 – Estimated Adult/Adolescent 2013 HIV Continuum of Care, Reported through 12/31/2014

In their 2011 article in Clinical Infectious Diseases, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	11,445	100.0%
HIV Diagnosed	9,843	86.0%
Linked to HIV Care	7,835	68.5%
Retained in HIV Care	5,158	45.1%
On ART	4,600	40.2%
Suppressed VL	3,990	34.9%

**HIV Infected:** HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

**HIV Diagnosed:** Adult/adolescent total living HIV cases as of December 31<sup>st</sup> of the specified year.

**Linked to HIV Care:** HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Retained in HIV Care:** HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**On ART:** Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

**Suppressed Viral Load:** HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

## Section IV – Cases by Age

**Table 6 – HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2014**

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	125,562	***	***	***	***	***	***	***	***	***	***
5-12 (Pediatric)	194,947	***	***	***	***	***	***	***	***	***	***
13-19	172,386	26	4.2%	15.1	22	84.6%	6	23.1%	21	80.8%	433
20-29	260,808	173	28.2%	66.3	130	75.1%	35	20.2%	131	75.7%	396
30-39	267,228	152	24.8%	56.9	122	80.3%	53	34.9%	124	81.6%	308
40-49	275,259	152	24.8%	55.2	124	81.6%	57	37.5%	123	80.9%	294
50-59	271,603	76	12.4%	28.0	62	81.6%	32	42.1%	66	86.8%	284
60+	338,965	34	5.5%	10.0	28	82.4%	18	52.9%	29	85.3%	274
TOTAL	1,906,758	614	100.0%	32.2	489	79.6%	201	32.7%	495	80.6%	331

\*\*\* Data withheld due to low population counts and/or case counts

**Table 7 – AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2014**

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	125,562	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	194,947	0	0.0%	0.0	--	0.0%
13-19	172,386	8	2.1%	4.6	0.3	100.0%
20-29	260,808	67	17.2%	25.7	2.1	61.2%
30-39	267,228	99	25.4%	37.0	2.8	55.6%
40-49	275,259	110	28.3%	40.0	4.6	49.1%
50-59	271,603	68	17.5%	25.0	4.0	50.0%
60+	338,965	37	9.5%	10.9	4.6	45.9%
TOTAL	1,906,758	389	100.0%	20.4	3.5	53.7%

**Reported HIV Diagnoses:** Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

**Age at HIV Diagnosis:** Age group at time of initial HIV diagnosis.

**Population:** Population estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV Diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Age at AIDS Diagnosis:** Age group at time of initial AIDS diagnosis.

**Reported AIDS Diagnoses:** Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Table 8 – HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014**

AGE ON 12/31/2013	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	125,562	3	0.1%	2.4	0	0.0%	0.0	3	0.0%	2.4	41,854
5-12 (Pediatric)	194,947	18	0.4%	9.2	7	0.1%	3.6	25	0.3%	12.8	7,797
13-19	172,386	69	1.5%	40.0	35	0.7%	20.3	104	1.0%	60.3	1,657
20-29	260,808	796	17.1%	305.2	317	6.0%	121.5	1,113	11.2%	426.8	234
30-39	267,228	1,161	24.9%	434.5	935	17.6%	349.9	2,096	21.0%	784.3	127
40-49	275,259	1,273	27.3%	462.5	1,782	33.5%	647.4	3,055	30.6%	1,109.9	90
50-59	271,603	956	20.5%	352.0	1,538	28.9%	566.3	2,494	25.0%	918.3	108
60+	338,965	381	8.2%	112.4	705	13.3%	208.0	1,086	10.9%	320.4	312
TOTAL	1,906,758	4,657	100.0%	244.2	5,319	100.0%	279.0	9,976	100.0%	523.2	191

**Age on [date]:** Age group of living cases on the specified date.

**Population:** Population estimate for 7/1/2013.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014**

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	48	30	62.5%	484	6.7%	20.0%	26.7%	46.7%
20-29	1,070	583	54.5%	520	9.8%	16.5%	21.4%	52.3%
30-39	2,090	1,102	52.7%	504	16.0%	14.9%	18.7%	50.5%
40-49	3,055	1,614	52.8%	504	14.2%	14.9%	20.3%	50.6%
50-59	2,494	1,292	51.8%	534	12.0%	15.6%	17.7%	54.6%
60+	1,086	537	49.4%	507	14.2%	13.8%	20.9%	51.2%
TOTAL	9,843	5,158	52.4%	513	13.5%	15.2%	19.5%	51.8%

**Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014**

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	48	34	70.8%	35.3%	11,398
20-29	1,070	579	54.1%	61.1%	15,147
30-39	2,090	1,104	52.8%	74.9%	15,003
40-49	3,055	1,635	53.5%	76.5%	9,112
50-59	2,494	1,302	52.2%	83.4%	6,172
60+	1,086	534	49.2%	86.0%	5,600
TOTAL	9,843	5,188	52.7%	76.9%	10,000

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Age on [date]:** Age group of living cases on the specified date.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.



## Section V – Adult/Adolescent Cases by Demographics

**Table 11 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Male	755,273	418	68.2%	55.3	330	78.9%	141	33.7%	336	80.4%	329
Female	830,975	195	31.8%	23.5	158	81.0%	60	30.8%	158	81.0%	350
TOTAL	1,586,249	613	100.0%	38.6	488	79.6%	201	32.8%	494	80.6%	331

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Hispanic	251,581	53	8.6%	21.1	38	71.7%	18	34.0%	43	81.1%	307
Non-Hispanic	1,334,668	560	91.4%	42.0	450	80.4%	183	32.7%	451	80.5%	332
American Indian/Alaska Native, only	3,315	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Asian, only	159,542	11	1.8%	6.9	9	81.8%	***	***	9	81.8%	282
Black, only	612,972	486	79.3%	79.3	387	79.6%	160	32.9%	390	80.2%	335
Native Hawaiian/ Other Pacific Islander, only	748	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
White, only	529,817	46	7.5%	8.7	39	84.8%	13	28.3%	36	78.3%	387
Multiracial/ Other	28,273	17	2.7%	60.1	15	88.2%	***	***	16	94.1%	263
TOTAL	1,586,249	613	100.0%	38.6	488	79.6%	201	32.8%	494	80.6%	331

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
United States	1,070,319	439	71.6%	41.0	344	78.4%	129	29.4%	340	77.4%	333
Foreign-born	475,961	110	17.9%	23.1	88	80.0%	47	42.7%	96	87.3%	302
Africa	--	76	12.4%	--	61	80.3%	37	48.7%	66	86.8%	260
Asia	--	4	0.6%	--	***	***	***	***	***	***	***
Caribbean	--	8	1.3%	--	6	75.0%	***	***	7	87.5%	445
Central America	--	18	2.9%	--	14	77.8%	8	44.4%	16	88.9%	276
Other	--	4	0.6%	--	***	***	***	***	***	***	***
Unknown	--	64	10.4%	--	56	87.5%	25	39.1%	58	90.6%	372
TOTAL	1,546,280	613	100.0%	39.6	488	79.6%	201	32.8%	494	80.6%	331

\* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

\*\* Population data by country of birth are from the 2013 American Community Survey

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV Diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Table 12 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	755,273	277	71.2%	36.7	3.3	54.9%
Female	830,975	112	28.8%	13.5	4.0	50.9%
TOTAL	1,586,249	389	100.0%	24.5	3.5	53.7%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	251,581	41	10.5%	16.3	2.7	51.2%
Non-Hispanic	1,334,668	348	89.5%	26.1	3.6	54.0%
American Indian/Alaska Native, only	3,315	0	0.0%	0.0	--	0.0%
Asian, only	159,542	6	1.5%	3.8	4.6	50.0%
Black, only	612,972	286	73.6%	46.7	3.4	56.6%
Native Hawaiian/Other Pacific Islander, only	748	0	0.0%	0.0	--	0.0%
White, only	529,817	38	9.8%	7.2	4.9	36.8%
Multiracial/Other	28,273	18	4.7%	63.7	3.0	50.0%
TOTAL	1,586,249	389	100.0%	24.5	3.5	53.7%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	1,070,319	271	69.7%	25.3	3.9	50.6%
Foreign-born	475,961	77	19.8%	16.2	2.9	59.7%
Africa	--	55	14.1%	--	2.9	63.6%
Asia	--	1	0.3%	--	***	***
Caribbean	--	3	0.8%	--	***	***
Central America	--	13	3.3%	--	2.1	53.8%
Other	--	5	1.3%	--	6.4	20.0%
Unknown	--	41	10.5%	--	1.9	63.4%
TOTAL	1,546,280	389	100.0%	25.2	3.5	53.7%

\* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

\*\* Population data by country of birth are from the 2013 American Community Survey

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	755,273	2,841	62.0%	376.2	3,338	63.5%	442.0	6,179	62.8%	818.1	122
Female	830,975	1,742	38.0%	209.6	1,922	36.5%	231.3	3,664	37.2%	440.9	226
TOTAL	1,586,249	4,583	100.0%	288.9	5,260	100.0%	331.6	9,843	100.0%	620.5	161

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	251,581	340	7.4%	135.1	493	9.4%	196.0	833	8.5%	331.1	302
Non-Hispanic	1,334,668	4,243	92.6%	317.9	4,767	90.6%	357.2	9,010	91.5%	675.1	148
American Indian/Alaska Native, only	3,315	***	***	***	***	***	***	***	***	***	***
Asian, only	159,542	56	1.2%	35.1	33	0.6%	20.7	89	0.9%	55.8	1,792
Black, only	612,972	3,584	78.2%	584.7	4,054	77.0%	661.4	7,638	77.6%	1,246.1	80
Native Hawaiian/ Other Pacific Islander, only	748	***	***	***	***	***	***	***	***	***	***
White, only	529,817	492	10.7%	92.9	506	9.6%	95.5	998	10.1%	188.4	530
Multiracial/ Other	28,273	100	2.2%	353.7	171	3.3%	604.8	271	2.7%	958.5	104
TOTAL	1,586,249	4,583	100.0%	288.9	5,260	100.0%	331.6	9,843	100.0%	620.5	161

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	1,070,319	3,572	77.9%	333.7	3,934	74.8%	367.6	7,506	76.3%	701.3	142
Foreign-born	475,961	642	14.0%	134.9	1,147	21.8%	241.0	1,789	18.2%	375.9	266
Africa	--	398	8.7%	--	755	14.3%	--	1,153	11.7%	--	--
Asia	--	24	0.5%	--	27	0.5%	--	51	0.5%	--	--
Caribbean	--	48	1.1%	--	79	1.5%	--	127	1.3%	--	--
Central America	--	83	1.8%	--	181	3.4%	--	264	2.7%	--	--
Other	--	89	1.9%	--	105	2.0%	--	194	2.0%	--	--
Unknown	--	369	8.1%	--	179	3.4%	--	548	5.6%	--	--
TOTAL	1,546,280	4,583	100.0%	296.4	5,260	100.0%	340.2	9,843	100.0%	636.6	157

\* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

\*\* Population data by country of birth are from the 2013 American Community Survey

\*\*\* Data withheld due to low population and/or case counts

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2013.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 14 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014**

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	6,179	3,162	51.2%	492	15.0%	16.0%	20.0%	49.1%
Female	3,664	1,996	54.5%	540	11.1%	13.9%	18.9%	56.2%
TOTAL	9,843	5,158	52.4%	513	13.5%	15.2%	19.5%	51.8%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	833	427	51.3%	472	16.2%	14.5%	23.2%	46.1%
Non-Hispanic	9,010	4,731	52.5%	518	13.2%	15.2%	19.2%	52.3%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	89	43	48.3%	490	4.7%	20.9%	27.9%	46.5%
Black, only	7,638	4,046	53.0%	511	13.7%	15.6%	19.4%	51.4%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	998	451	45.2%	576	8.4%	11.8%	18.2%	61.6%
Multiracial/Other	271	186	68.6%	504	17.2%	15.6%	16.7%	50.5%
TOTAL	9,843	5,158	52.4%	513	13.5%	15.2%	19.5%	51.8%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	7,506	3,870	51.6%	515	13.9%	14.8%	19.4%	51.9%
Foreign-born	1,789	956	53.4%	491	12.9%	16.7%	21.8%	48.6%
Africa	1,153	639	55.4%	471	12.8%	19.6%	21.9%	45.7%
Asia	51	27	52.9%	561	3.7%	7.4%	14.8%	74.1%
Caribbean	127	63	49.6%	617	7.9%	4.8%	11.1%	76.2%
Central America	264	144	54.5%	435	20.8%	13.9%	27.1%	38.2%
Other	194	83	42.8%	567	6.0%	12.0%	21.7%	60.2%
Unknown	548	332	60.6%	569	10.2%	15.1%	14.8%	59.9%
TOTAL	9,843	5,158	52.4%	513	13.5%	15.2%	19.5%	51.8%

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014**

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	6,179	3,161	51.2%	76.6%	12,220
Female	3,664	2,027	55.3%	77.4%	7,795
TOTAL	9,843	5,188	52.7%	76.9%	10,000

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	833	426	51.1%	80.5%	16,297
Non-Hispanic	9,010	4,762	52.9%	76.5%	9,838
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	89	46	51.7%	76.1%	100,000
Black, only	7,638	4,073	53.3%	75.3%	9,952
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	998	453	45.4%	87.2%	7,838
Multiracial/Other	271	185	68.3%	77.8%	5,368
TOTAL	9,843	5,188	52.7%	76.9%	10,000

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	7,506	3,872	51.6%	75.5%	10,763
Foreign-born	1,789	978	54.7%	81.9%	8,969
Africa	1,153	651	56.5%	81.9%	6,946
Asia	51	30	58.8%	70.0%	8,969
Caribbean	127	62	48.8%	80.6%	17,877
Central America	264	145	54.9%	82.8%	30,821
Other	194	90	46.4%	85.6%	3,492
Unknown	548	338	61.7%	78.1%	5,480
TOTAL	9,843	5,188	52.7%	76.9%	10,000

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

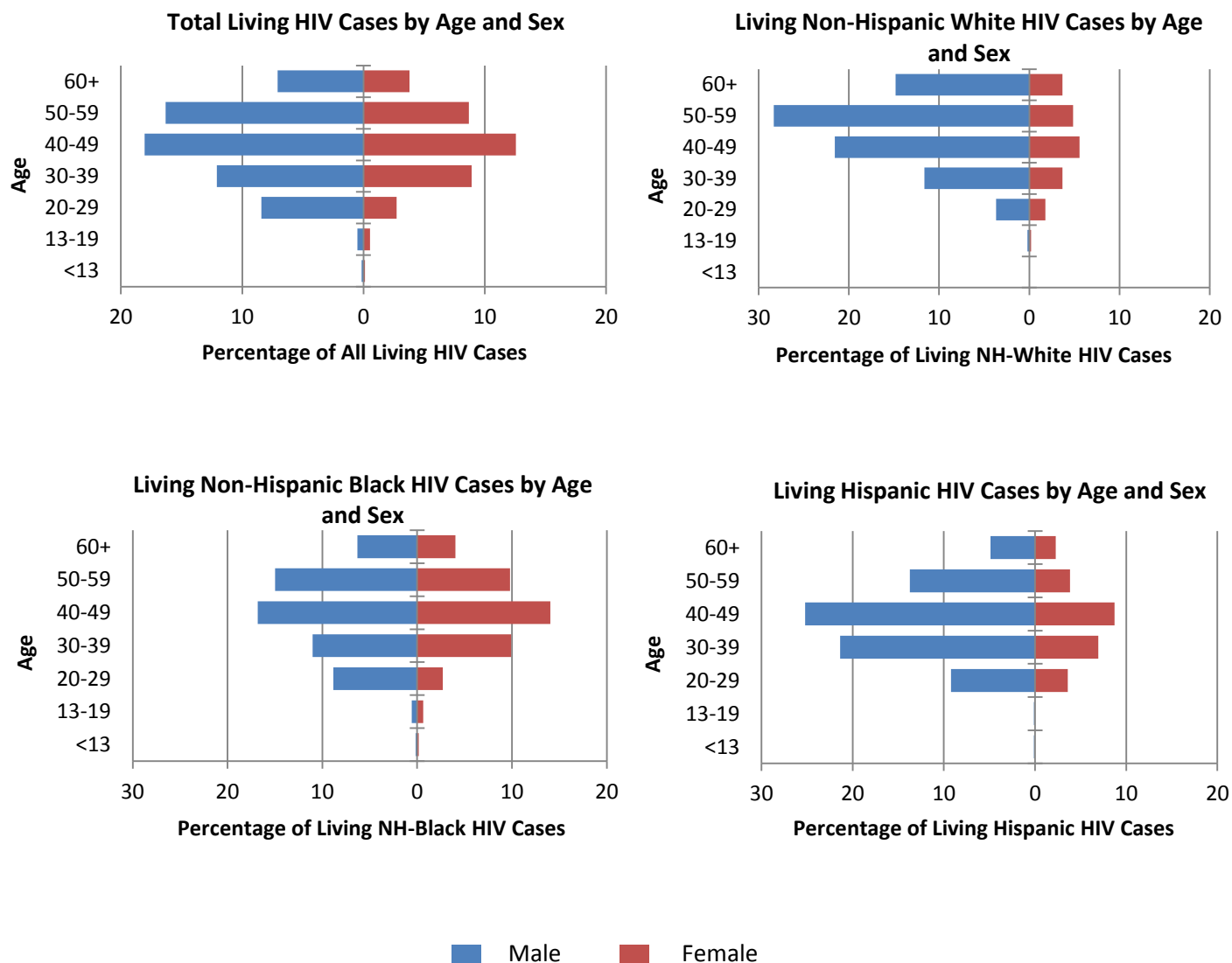
**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

## Section VI – HIV Cases by Expanded Demographics

**Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014**



**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.



**Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014**

MALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	40,234	61,539	39,326	22,282	163,380
	Cases	1	13	0	1	15
	Rate	2.5	21.1	0.0	4.5	9.2
	Ratio (1 in X)	40,233	4,733	--	22,281	10,891
13-19	Population	17,283	35,382	24,630	10,866	88,162
	Cases	1	45	2	3	51
	Rate	5.8	127.2	8.1	27.6	57.8
	Ratio (1 in X)	17,283	786	12,315	3,622	1,728
20-29	Population	30,770	50,003	36,208	15,491	132,472
	Cases	77	686	37	41	841
	Rate	250.2	1,371.9	102.2	264.7	634.9
	Ratio (1 in X)	399	72	978	377	157
30-39	Population	35,592	45,031	33,411	16,709	130,743
	Cases	179	856	117	54	1,206
	Rate	502.9	1,900.9	350.2	323.2	922.4
	Ratio (1 in X)	198	52	285	309	108
40-49	Population	24,878	50,792	38,963	15,619	130,252
	Cases	211	1,303	217	70	1,801
	Rate	848.1	2,565.4	556.9	448.2	1,382.7
	Ratio (1 in X)	117	38	179	223	72
50-59	Population	14,405	47,867	50,821	13,882	126,975
	Cases	115	1,162	285	65	1,627
	Rate	798.3	2,427.6	560.8	468.2	1,281.4
	Ratio (1 in X)	125	41	178	213	78
60+	Population	9,326	47,965	72,816	16,562	146,669
	Cases	41	488	149	29	707
	Rate	439.6	1,017.4	204.6	175.1	482.0
	Ratio (1 in X)	227	98	488	571	207
TOTAL MALES BY RACE/ ETHNICITY	Population	172,488	338,579	296,175	111,411	918,653
	Cases	625	4,553	807	263	6,248
	Rate	362.3	1,344.7	272.5	236.1	680.1
	Ratio (1 in X)	275	74	367	423	147

**Age on [date]:** Age group of living cases on the specified date.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Population:** Population estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014**

FEMALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	38,224	22,536	86,312	21,442	168,514
	Cases	0	12	0	1	13
	Rate	0.0	53.2	0.0	4.7	7.7
	Ratio (1 in X)	--	1,878	--	21,441	12,962
13-19	Population	15,934	13,336	52,071	10,646	91,987
	Cases	0	50	2	1	53
	Rate	0.0	374.9	3.8	9.4	57.6
	Ratio (1 in X)	--	266	26,035	10,646	1,735
20-29	Population	25,556	22,117	79,723	15,695	143,091
	Cases	30	210	18	14	272
	Rate	117.4	949.5	22.6	89.2	190.1
	Ratio (1 in X)	851	105	4,429	1,121	526
30-39	Population	28,001	21,096	78,712	20,064	147,873
	Cases	58	768	37	27	890
	Rate	207.1	3,640.5	47.0	134.6	601.9
	Ratio (1 in X)	482	27	2,127	743	166
40-49	Population	21,867	21,786	93,020	19,088	155,761
	Cases	73	1089	56	36	1,254
	Rate	333.8	4,998.6	60.2	188.6	805.1
	Ratio (1 in X)	299	20	1,661	530	124
50-59	Population	14,814	23,440	104,271	16,590	159,115
	Cases	32	760	49	26	867
	Rate	216.0	3,242.3	47.0	156.7	544.9
	Ratio (1 in X)	462	30	2,127	638	183
60+	Population	13,155	33,903	148,914	20,666	216,638
	Cases	19	312	37	11	379
	Rate	144.4	920.3	24.8	53.2	174.9
	Ratio (1 in X)	692	108	4,024	1,878	571
TOTAL FEMALES BY RACE/ ETHNICITY	Population	157,551	158,214	643,023	124,191	1,082,979
	Cases	212	3,201	199	116	3,728
	Rate	134.6	2,023.2	30.9	93.4	344.2
	Ratio (1 in X)	743	49	3,231	1,070	290

**Age on [date]:** Age group of living cases on the specified date.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Population:** Population estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

## Section VII – HIV Exposure Category

**Table 18 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	353	100.0%	281	79.6%	106	30.0%	82.7%	347
Men who have Sex with Men (MSM)	188	53.3%	150	79.8%	46	24.5%	80.9%	375
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	156	44.2%	124	79.5%	58	37.2%	85.3%	299
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure	260		207	79.6%	95	36.5%	77.7%	326
TOTAL	613		488	79.6%	201	32.8%	80.6%	331

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	263	100.0%	209	79.5%	81	30.8%	82.5%	326
Men who have Sex with Men (MSM)	188	71.5%	150	79.8%	46	24.5%	80.9%	375
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	69	26.2%	55	79.7%	33	47.8%	88.4%	229
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure	155		121	78.1%	60	38.7%	76.8%	330
TOTAL	418		330	78.9%	141	33.7%	80.4%	329

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	90	100.0%	72	80.0%	25	27.8%	83.3%	400
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	87	96.7%	69	79.3%	25	28.7%	82.8%	391
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure*	105		86	81.9%	35	33.3%	79.0%	315
TOTAL	195		158	81.0%	60	30.8%	81.0%	350

\* Includes 8 HIV cases with Presumed Female Heterosexual exposure

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV Diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Table 19 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	226	100.0%	4.5	48.2%
Men who have Sex with Men (MSM)	108	47.8%	4.1	48.1%
Injection Drug Users (IDU)	10	4.4%	12.7	20.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	103	45.6%	4.2	52.4%
Other Exposures	***	***	***	***
No Reported Exposure	163		2.1	61.3%
TOTAL	389		3.5	53.7%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	169	100.0%	4.2	50.9%
Men who have Sex with Men (MSM)	108	63.9%	4.1	48.1%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	50	29.6%	3.4	62.0%
Other Exposures	***	***	***	***
No Reported Exposure	108		1.9	61.1%
TOTAL	277		3.3	54.9%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	57	100.0%	5.7	40.4%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	53	93.0%	5.0	43.4%
Other Exposures	***	***	***	***
No Reported Exposure*	55		2.3	61.8%
TOTAL	112		4.0	50.9%

\* Includes 4 HIV cases with Presumed Female Heterosexual exposure

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	2,519	100.0%	3,852	100.0%	6,371	100.0%
Men who have Sex with Men (MSM)	1,252	49.7%	1,425	37.0%	2,677	42.0%
Injection Drug Users (IDU)	116	4.6%	398	10.3%	514	8.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	30	1.2%	104	2.7%	134	2.1%
Heterosexual Exposure (HET)	1,109	44.0%	1,899	49.3%	3,008	47.2%
Other Exposures	12	0.5%	26	0.7%	38	0.6%
No Reported Exposure	2,064		1,408		3,472	
TOTAL	4,583		5,260		9,843	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,717	100.0%	2,525	100.0%	4,242	100.0%
Men who have Sex with Men (MSM)	1,252	72.9%	1,425	56.4%	2,677	63.1%
Injection Drug Users (IDU)	74	4.3%	249	9.9%	323	7.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	30	1.7%	104	4.1%	134	3.2%
Heterosexual Exposure (HET)	357	20.8%	734	29.1%	1,091	25.7%
Other Exposures	4	0.2%	13	0.5%	17	0.4%
No Reported Exposure	1,124		813		1,937	
TOTAL	2,841		3,338		6,179	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	802	100.0%	1,327	100.0%	2,129	100.0%
Injection Drug Users (IDU)	42	5.2%	149	11.2%	191	9.0%
Heterosexual Exposure (HET)	752	93.8%	1,165	87.8%	1,917	90.0%
Other Exposures	8	1.0%	13	1.0%	21	1.0%
No Reported Exposure*	940		595		1,535	
TOTAL	1,742		1,922		3,664	

\* Includes 27 HIV cases without AIDS and 35 HIV cases with AIDS with Presumed Female Heterosexual exposure

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	598	100.0%	4,854	100.0%	673	100.0%
Men who have Sex with Men (MSM)	267	44.6%	1,803	37.1%	479	71.2%
Injection Drug Users (IDU)	27	4.5%	406	8.4%	58	8.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	12	2.0%	89	1.8%	23	3.4%
Heterosexual Exposure (HET)	289	48.3%	2,532	52.2%	102	15.2%
Other Exposures	3	0.5%	24	0.5%	11	1.6%
No Reported Exposure	235		2,784		325	
TOTAL	833		7,638		998	

MALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	458	100.0%	3,016	100.0%	584	100.0%
Men who have Sex with Men (MSM)	267	58.3%	1,803	59.8%	479	82.0%
Injection Drug Users (IDU)	21	4.6%	250	8.3%	37	6.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	12	2.6%	89	3.0%	23	3.9%
Heterosexual Exposure (HET)	156	34.1%	866	28.7%	38	6.5%
Other Exposures	2	0.4%	8	0.3%	7	1.2%
No Reported Exposure	164		1,478		219	
TOTAL	622		4,494		803	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	140	100.0%	1,838	100.0%	89	100.0%
Injection Drug Users (IDU)	6	4.3%	156	8.5%	21	23.6%
Heterosexual Exposure (HET)	133	95.0%	1,666	90.6%	64	71.9%
Other Exposures	1	0.7%	16	0.9%	4	4.5%
No Reported Exposure*	71		1,306		106	
TOTAL	211		3,144		195	

\* Includes 4 Hispanic cases, 54 non-Hispanic black cases, and 2 non-Hispanic white cases with Presumed Female Heterosexual exposure

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.



**Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	6,371	3,419	53.7%	502	13.5%	15.3%	20.8%	50.5%
Men who have Sex with Men (MSM)	2,677	1,412	52.7%	507	12.0%	15.8%	21.5%	50.8%
Injection Drug Users (IDU)	514	212	41.2%	462	20.8%	12.3%	22.6%	44.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	134	59	44.0%	461	10.2%	22.0%	25.4%	42.4%
Heterosexual Exposure (HET)	3,008	1,718	57.1%	508	13.9%	14.9%	19.9%	51.3%
Other Exposures	38	18	47.4%	456	22.2%	22.2%	11.1%	44.4%
No Reported Exposure*	3,472	1,739	50.1%	528	13.5%	15.0%	17.1%	54.4%
TOTAL	9,843	5,158	52.4%	513	13.5%	15.2%	19.5%	51.8%

\* Includes 62 cases with Presumed Female Heterosexual exposure

**Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	6,371	3,427	53.8%	77.4%	10,694
Men who have Sex with Men (MSM)	2,677	1,406	52.5%	76.1%	16,773
Injection Drug Users (IDU)	514	208	40.5%	78.8%	6,217
Men who have Sex with Men and Inject Drugs (MSM/IDU)	134	54	40.3%	79.6%	14,813
Heterosexual Exposure (HET)	3,008	1,742	57.9%	78.1%	8,011
Other Exposures	38	17	44.7%	76.5%	13,327
No Reported Exposure*	3,472	1,761	50.7%	75.9%	9,658
TOTAL	9,843	5,188	52.7%	76.9%	10,000

\* Includes 62 cases with Presumed Female Heterosexual exposure

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

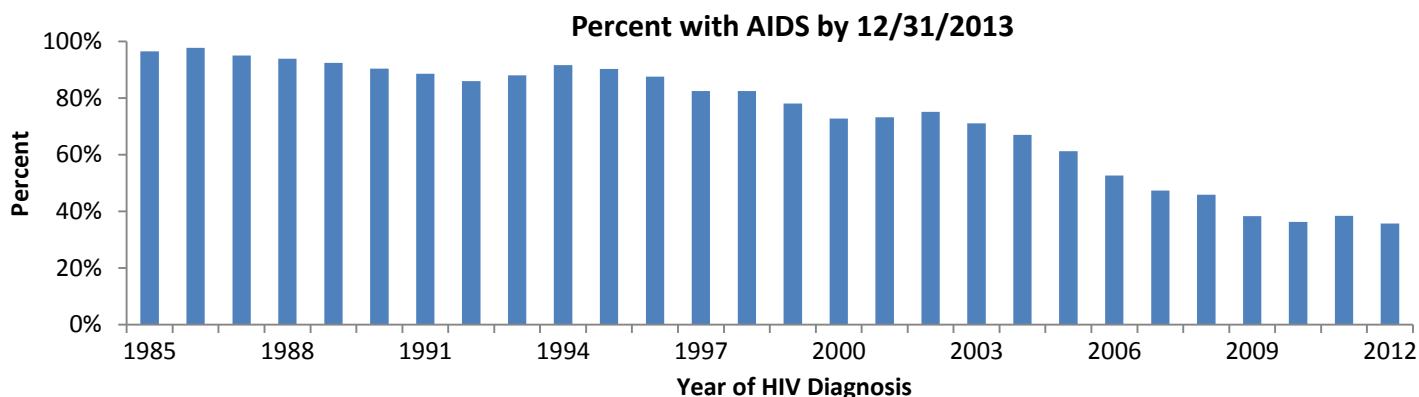
**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

## Section VIII – Disease Progression and Mortality

**Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2012, Reported through 12/31/2014**

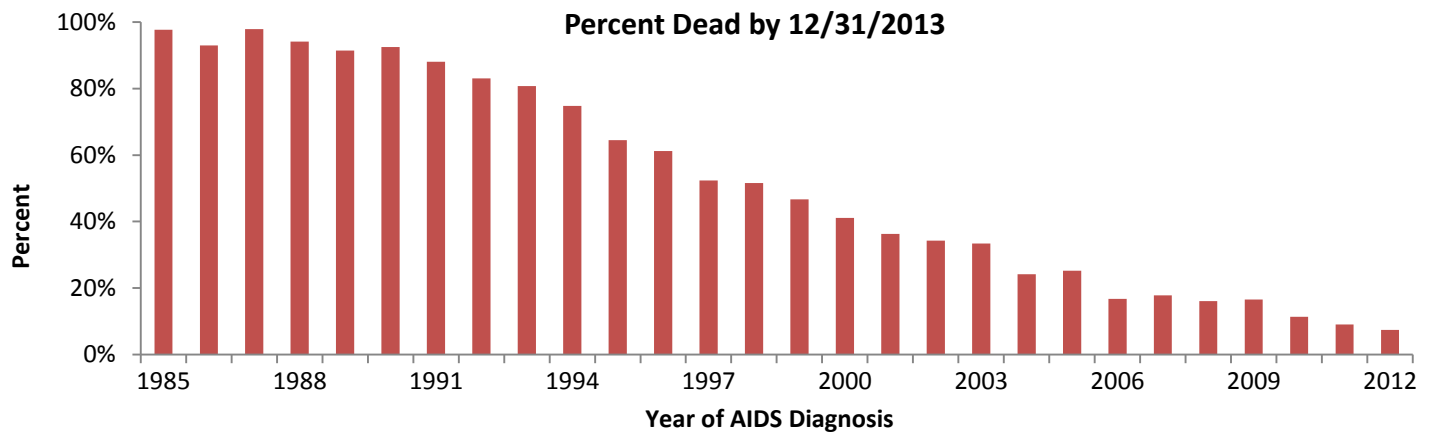
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2013 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2013, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	102	95	93.1%	6.8	46.1%	46.1%	50.0%	62.7%
1985	201	194	96.5%	5.5	44.3%	45.8%	50.2%	75.6%
1986	263	257	97.7%	4.7	43.7%	44.9%	55.1%	86.7%
1987	363	345	95.0%	3.5	50.1%	51.0%	65.8%	87.1%
1988	403	378	93.8%	3.0	49.9%	53.8%	73.7%	88.6%
1989	488	451	92.4%	2.9	50.0%	52.9%	73.4%	86.7%
1990	501	453	90.4%	2.7	49.7%	56.9%	74.9%	85.6%
1991	580	514	88.6%	2.4	51.2%	59.1%	76.7%	83.6%
1992	505	434	85.9%	2.8	49.3%	56.0%	71.1%	78.8%
1993	425	374	88.0%	2.1	58.1%	64.5%	75.1%	83.1%
1994	405	371	91.6%	1.7	67.7%	72.8%	79.5%	87.9%
1995	420	379	90.2%	1.7	66.7%	72.6%	77.6%	86.4%
1996	383	335	87.5%	1.9	62.9%	65.5%	74.9%	83.0%
1997	417	344	82.5%	1.7	61.9%	65.5%	71.7%	79.4%
1998	393	324	82.4%	1.8	59.8%	63.6%	70.5%	79.4%
1999	437	341	78.0%	1.4	61.1%	64.5%	68.9%	75.1%
2000	444	323	72.7%	1.4	56.3%	58.8%	64.6%	70.5%
2001	451	330	73.2%	1.4	55.7%	57.6%	66.5%	70.7%
2002	481	361	75.1%	0.9	63.0%	66.7%	71.5%	73.8%
2003	555	394	71.0%	0.9	59.3%	61.4%	65.8%	70.8%
2004	610	409	67.0%	1.2	54.6%	56.9%	60.0%	--
2005	623	381	61.2%	0.9	51.2%	53.3%	56.7%	--
2006	685	360	52.6%	1.0	41.6%	44.1%	48.8%	--
2007	842	398	47.3%	1.1	36.5%	37.9%	43.5%	--
2008	776	356	45.9%	1.0	35.1%	37.5%	--	--
2009	678	260	38.3%	0.8	31.0%	32.7%	--	--
2010	694	252	36.3%	0.6	29.7%	32.4%	--	--
2011	615	236	38.4%	0.5	32.0%	35.4%	--	--
2012	616	220	35.7%	0.3	33.0%	--	--	--
TOTAL	14,356	9,869	68.7%	1.9	48.3%	51.7%	59.4%	65.9%

**Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2012, Reported through 12/31/2014**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2013 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2013, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014

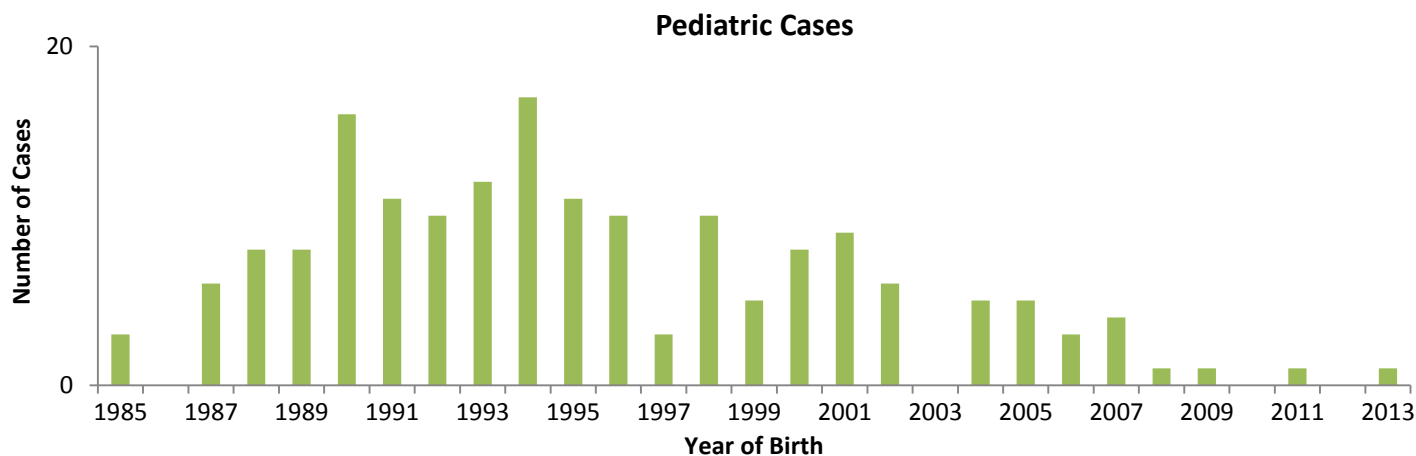


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	53	53	100.0%	0.9	32.1%	5.7%	1.9%	0.0%
1985	86	84	97.7%	1.4	39.5%	15.1%	11.6%	3.5%
1986	115	107	93.0%	1.6	51.3%	32.2%	12.2%	8.7%
1987	187	183	97.9%	2.0	51.9%	29.4%	10.7%	5.9%
1988	205	193	94.1%	1.9	62.4%	37.1%	14.1%	7.8%
1989	266	243	91.4%	2.7	68.4%	50.8%	21.4%	13.2%
1990	293	271	92.5%	2.8	64.5%	48.1%	21.5%	13.3%
1991	361	318	88.1%	2.4	67.3%	51.5%	19.7%	15.0%
1992	439	365	83.1%	2.8	73.8%	52.8%	26.9%	21.9%
1993	459	371	80.8%	3.2	72.8%	57.3%	34.2%	26.4%
1994	503	376	74.8%	3.0	74.8%	55.5%	40.4%	30.4%
1995	487	314	64.5%	3.8	74.1%	65.1%	54.8%	43.5%
1996	415	254	61.2%	4.6	80.2%	74.2%	63.6%	48.7%
1997	357	187	52.4%	3.8	81.0%	75.4%	63.6%	53.8%
1998	322	166	51.6%	4.6	85.1%	81.7%	70.2%	55.3%
1999	345	161	46.7%	3.9	84.3%	78.6%	69.0%	57.7%
2000	341	140	41.1%	5.1	91.8%	89.1%	78.9%	64.5%
2001	344	125	36.3%	3.7	86.9%	83.7%	75.6%	67.2%
2002	373	128	34.3%	3.2	86.9%	84.5%	75.3%	67.8%
2003	422	141	33.4%	2.9	87.7%	82.5%	75.1%	67.8%
2004	417	101	24.2%	2.7	89.4%	86.8%	81.8%	--
2005	437	110	25.2%	2.2	88.3%	85.8%	78.7%	--
2006	392	66	16.8%	2.7	93.9%	91.3%	86.7%	--
2007	388	69	17.8%	1.5	90.2%	87.4%	83.8%	--
2008	329	53	16.1%	1.4	90.6%	87.8%	--	--
2009	277	46	16.6%	1.2	90.3%	87.7%	--	--
2010	341	39	11.4%	1.2	93.8%	91.2%	--	--
2011	274	25	9.1%	0.7	94.2%	91.6%	--	--
2012	337	25	7.4%	0.4	94.1%	--	--	--
TOTAL	9,565	4,714	49.3%	3.0	81.1%	72.6%	60.8%	54.0%

## Section IX – Pediatric Cases

**Figure 11 – Trends in Pediatric HIV Cases, 1985-2013, Reported through 12/31/2014**

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2013, as Reported by Name through 12/31/2014



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	18	2	1	0	
1985	3	4	2	1	5
1986	0	5	0	0	10
1987	6	5	4	0	15
1988	8	3	3	2	17
1989	8	6	4	2	21
1990	16	10	4	4	27
1991	11	12	7	3	34
1992	10	9	5	2	41
1993	12	9	8	4	46
1994	17	7	4	2	52
1995	11	9	8	5	55
1996	10	11	9	2	64
1997	3	3	4	0	66
1998	10	4	2	3	66
1999	5	13	6	0	78
2000	8	5	2	0	83
2001	9	7	5	2	87
2002	6	9	3	0	96
2003	0	3	2	4	94
2004	5	4	4	3	94
2005	5	9	5	2	98
2006	3	10	5	1	105
2007	4	18	4	1	121
2008	1	4	4	0	127
2009	1	3	2	0	128
2010	0	1	3	1	128
2011	1	5	3	0	130
2012	0	1	1	0	132
2013	1	1	0	0	133
TOTAL	192	192	114	44	

**Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Total Living HIV Cases	
	No.	% of Total
Montgomery	35	26.3%
Prince George's	98	73.7%
TOTAL	133	100%

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 25 – Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014**

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	69	51.9%
Female	64	48.1%
TOTAL	133	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	4	3.0%
Non-Hispanic	129	97.0%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	1	0.8%
Black, only	116	89.9%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	8	6.2%
Multiracial/Other	4	3.1%
TOTAL	133	100.0%

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

## Glossary of Terms

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Age at AIDS Diagnosis:** Age group at time of initial AIDS diagnosis.

**Age at HIV Diagnosis:** Age group at time of initial HIV diagnosis.

**Age on [date]:** Age group of living cases on the specified date.

**AIDS Deaths:** Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Confirmed Perinatal HIV Transmissions:** Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Jurisdiction of Residence at AIDS Diagnosis:** Jurisdiction of residence at time of initial AIDS diagnosis.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Jurisdiction of Residence at HIV Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis.

**Live Births:** Babies born alive in the general population.

**Living HIV Cases with AIDS:** Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Living HIV Cases without AIDS:** Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Mean Years from AIDS Diagnosis to AIDS Death:** Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

**Median:** The measure of central location, which divides a set of data into two equal parts.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Number of Late HIV Diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**On ART:** Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

**Pediatric Reported HIV Diagnoses:** Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Percent Alive by Years after AIDS Diagnosis:** Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Percent with AIDS:** Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

**Percent with AIDS by Years after HIV Diagnosis:** Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

**Perinatal HIV Transmission Rate:** Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

**Population:** Population estimate for 7/1/2013.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Reported AIDS Deaths:** Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

**Reported AIDS Diagnoses:** Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

**Reported HIV Diagnoses:** Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

**Reported Perinatal HIV Exposures:** Reported babies born to an HIV positive mother during the specified year.

**Retained in HIV Care:** HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Women of Childbearing Age Total Living HIV cases:** Reported HIV diagnoses among women of childbearing age (13-49 years old) on December 31<sup>st</sup> of the specified year